



**Espacenet**

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### METHOD OF SEPARATION OF ELECTRICAL COMPONENT OF CARDIAC ACTIVITY

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### Abstract of RU 2138193 (C1)

FIELD: medicine; applicable in examination of man cardiovascular system. SUBSTANCE: method includes obtaining of ECG and REG with the help of electrocardiograph and electrorheograph from same electrodes attached to patient's body; normalization of obtained ECG with respect to isoline; determination of modulus of obtained normalized function of ECG; integration of modulus of normalized function of ECG with time constant equalling time constant of REG; disintegration of obtained function and REG in Fourier spectra; determination of difference of obtained spectra; performance of reverse Fourier transform. Method allows determination of function describing electrical component of heart operation. EFFECT: higher efficiency.